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FIG. 2



This diagram shows a cross-sectional view of a mechanical assembly. A central vertical shaft, labeled 82, passes through a housing. The housing has a central bore with a step or change in diameter. A component, labeled 150, is seated within this bore. A seal or gasket, labeled 154, is positioned between the component 150 and the housing. A horizontal line, labeled 168, indicates a cross-section or a specific feature. A dimension line, labeled 54, points to a specific part of the housing. A horizontal line, labeled Dc, represents a diameter. A horizontal line, labeled DH, represents another diameter. A vertical line, labeled 158, points to a specific part of the housing. A horizontal line, labeled 154, points to a specific part of the housing.

Fig. 4.

A schematic diagram of a semiconductor device cross-section. The diagram shows a central region labeled 200, which is a channel or gate structure. Above this region is a layer labeled  $D_H$ . Below the central region is a layer labeled 204. To the left of the central region is a layer labeled 208. To the right of the central region is a layer labeled 212. A layer labeled 216 is shown at the bottom. Arrows indicate the direction of current flow or carrier injection. A label  $D_C$  is shown on the left and right sides, indicating a contact or diffusion region. The diagram is a cross-sectional view of a device, likely a transistor or diode.

Fig. 5

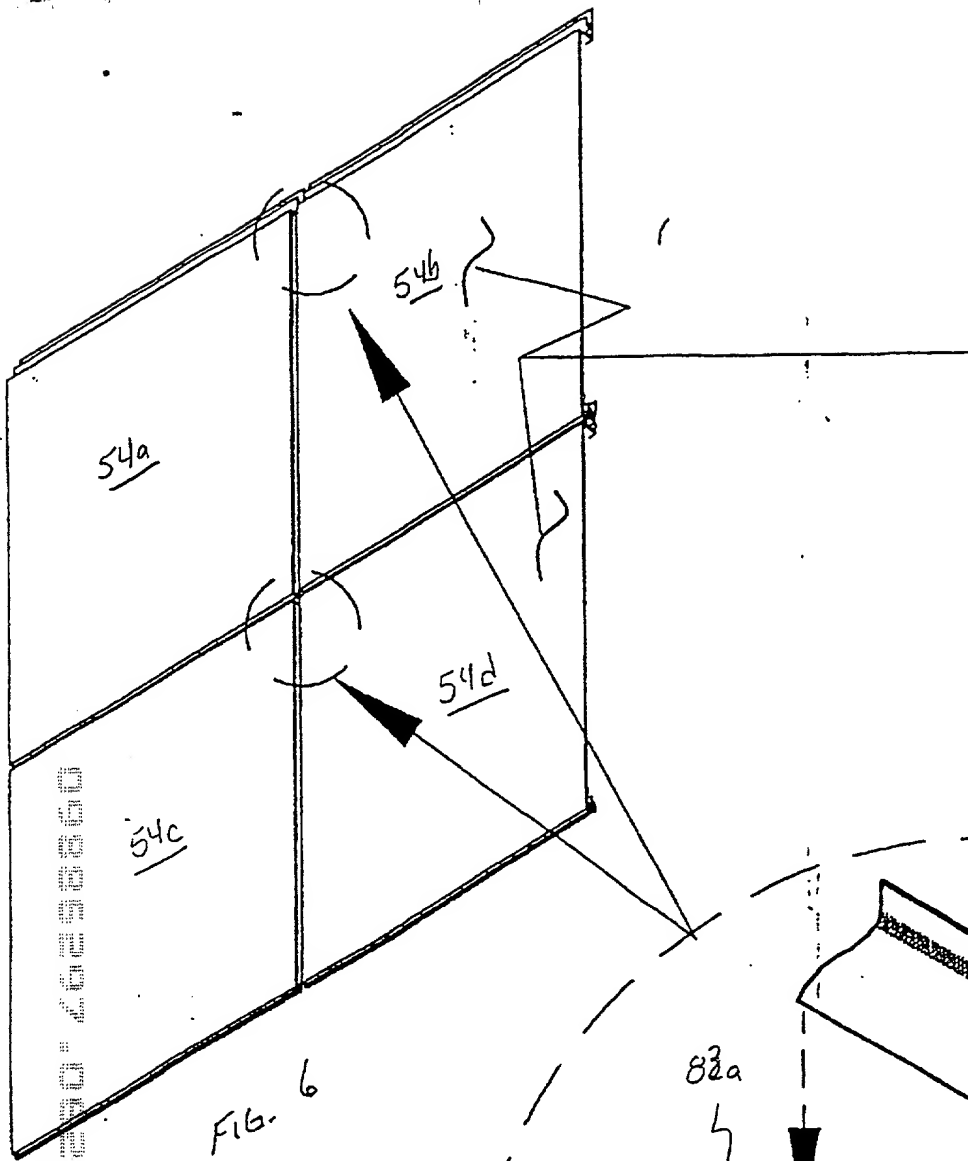


FIG. 6

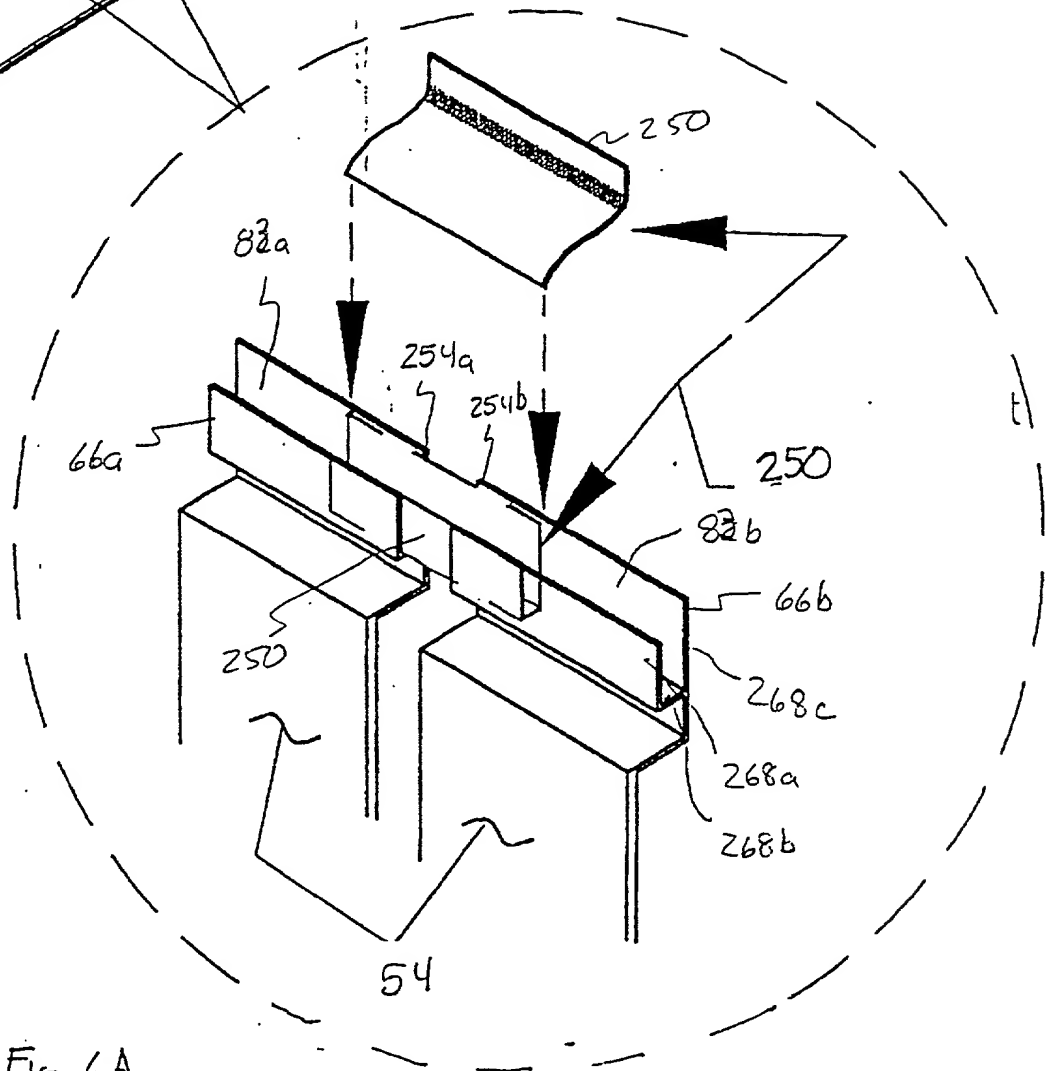
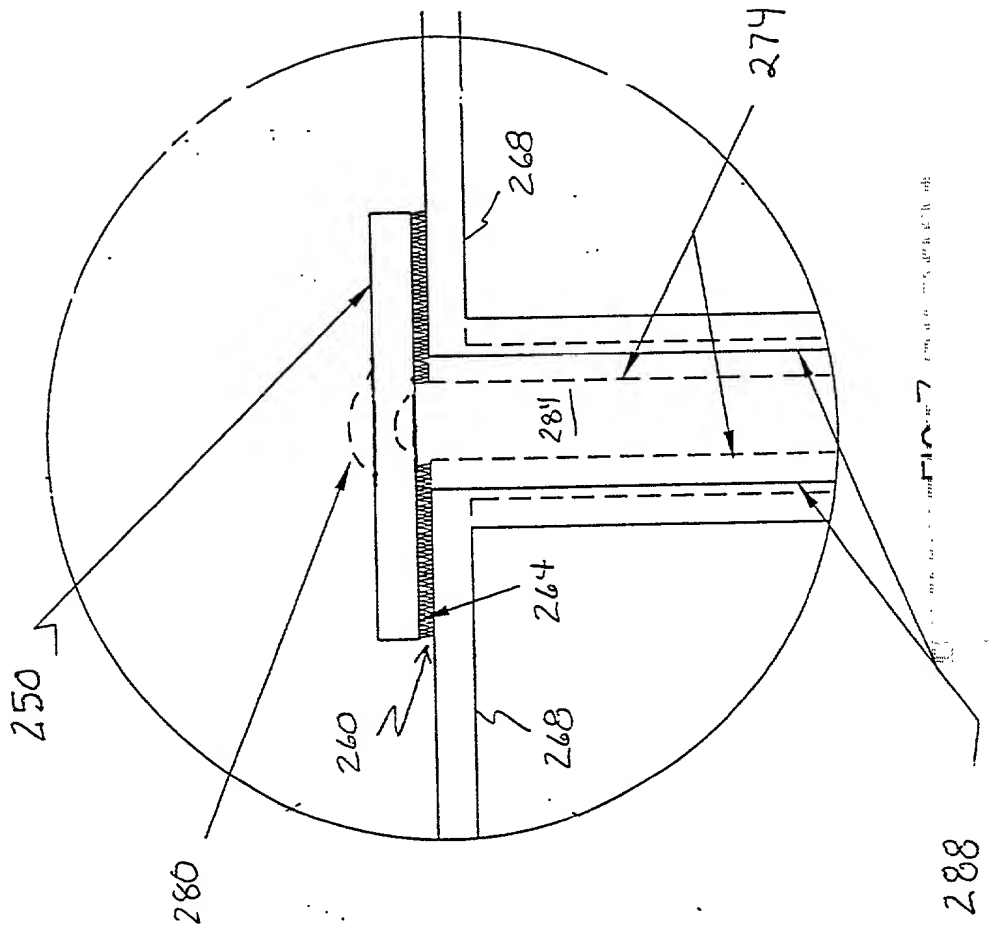


FIG. 6A



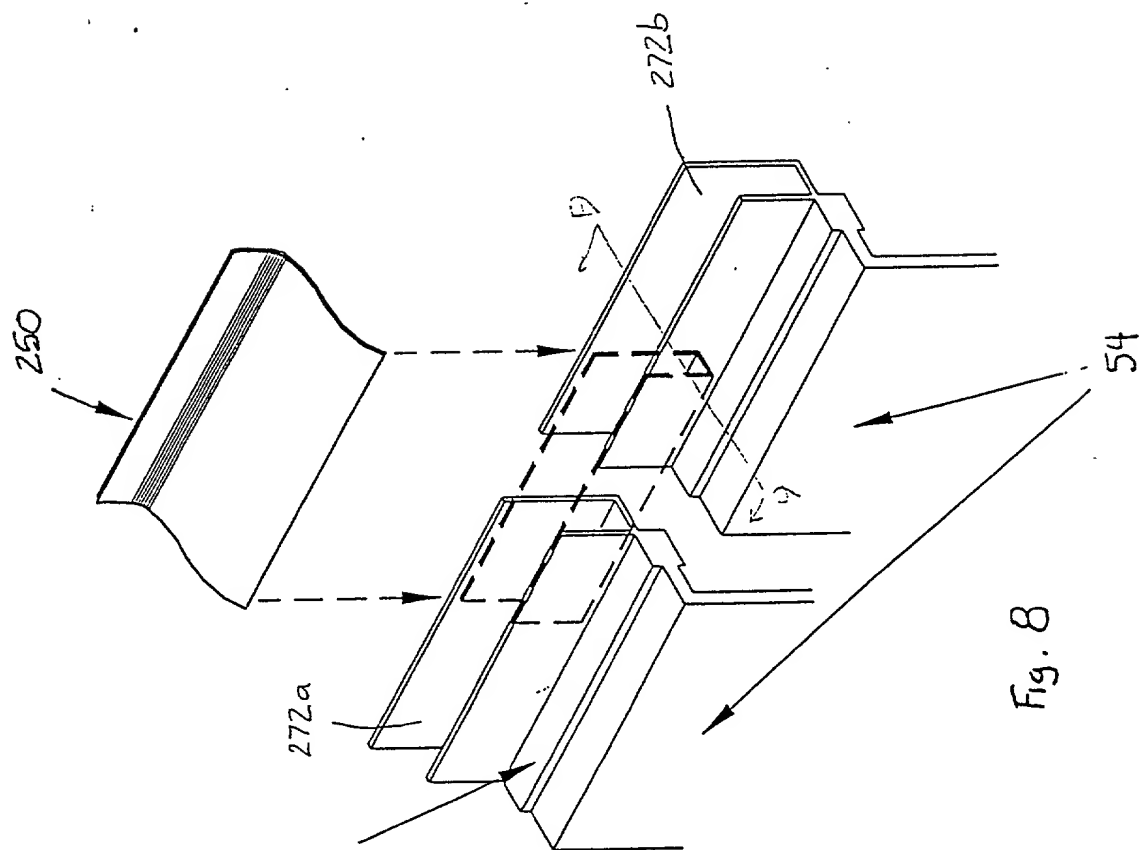


Fig. 8

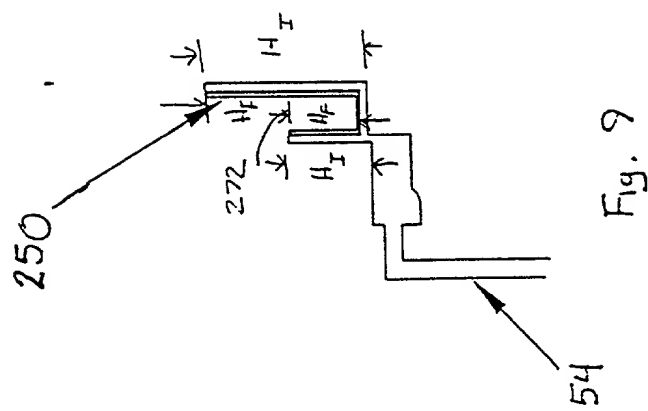
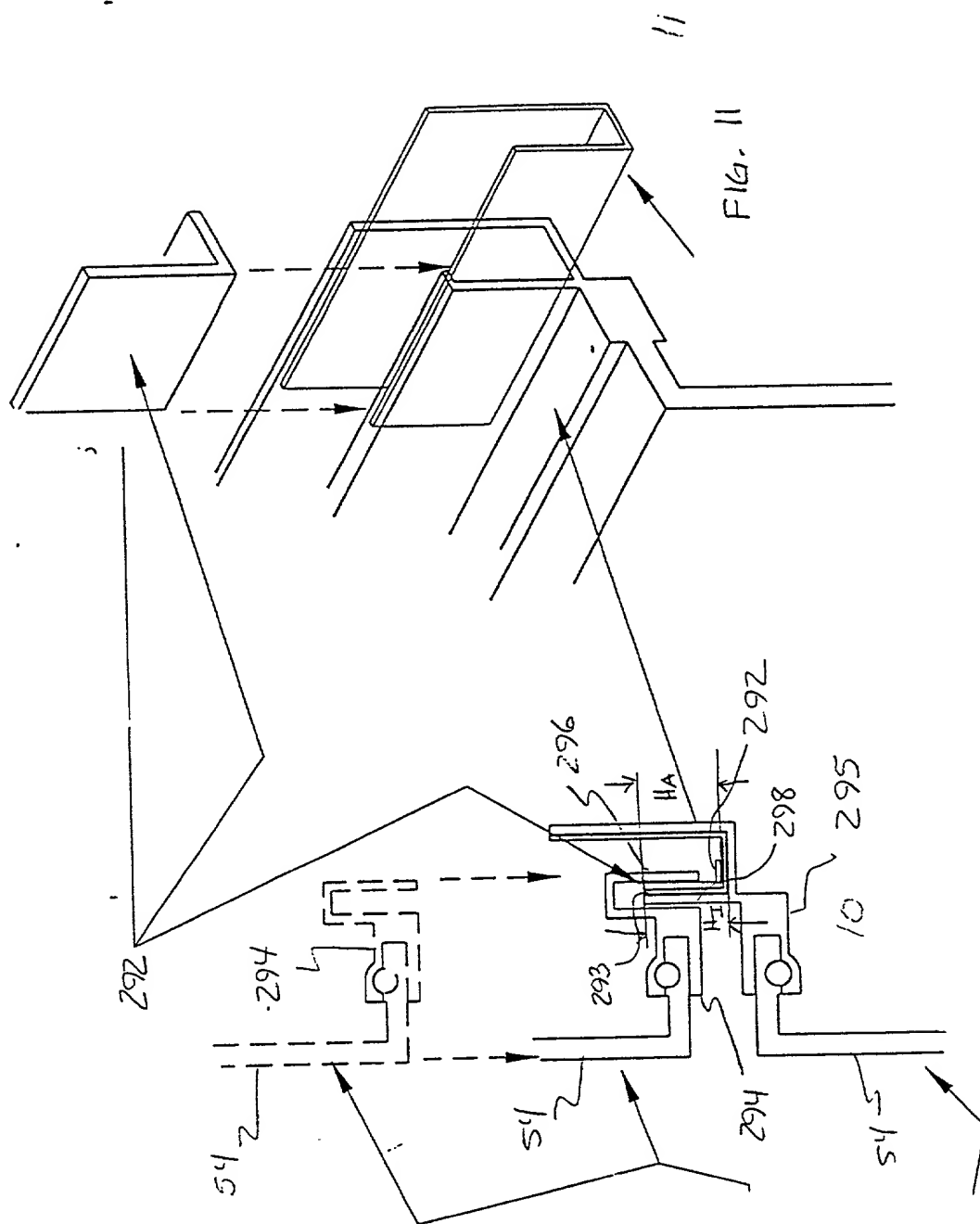


Fig. 9





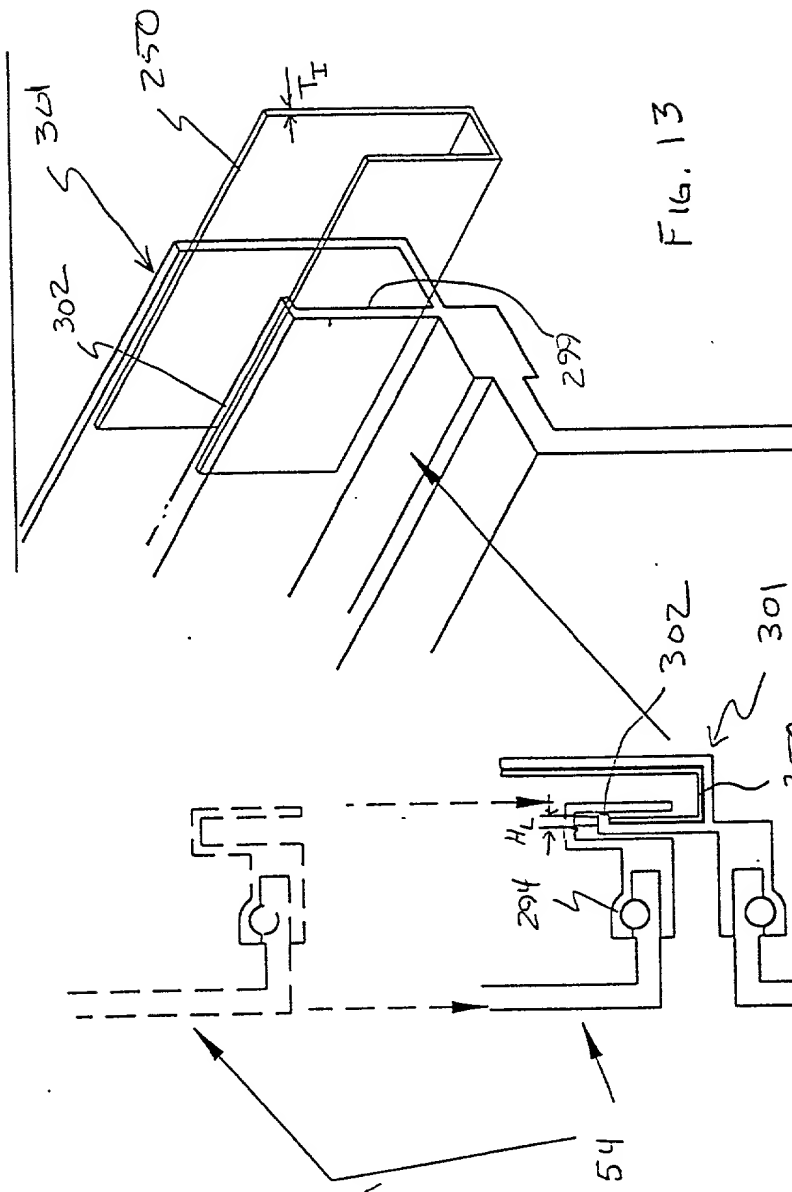
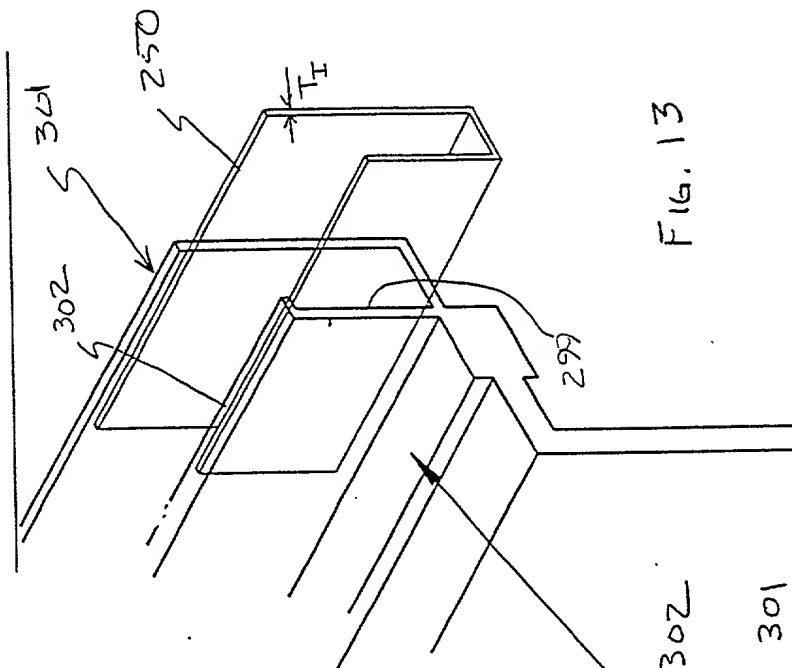


FIG. 12

FIG. 13



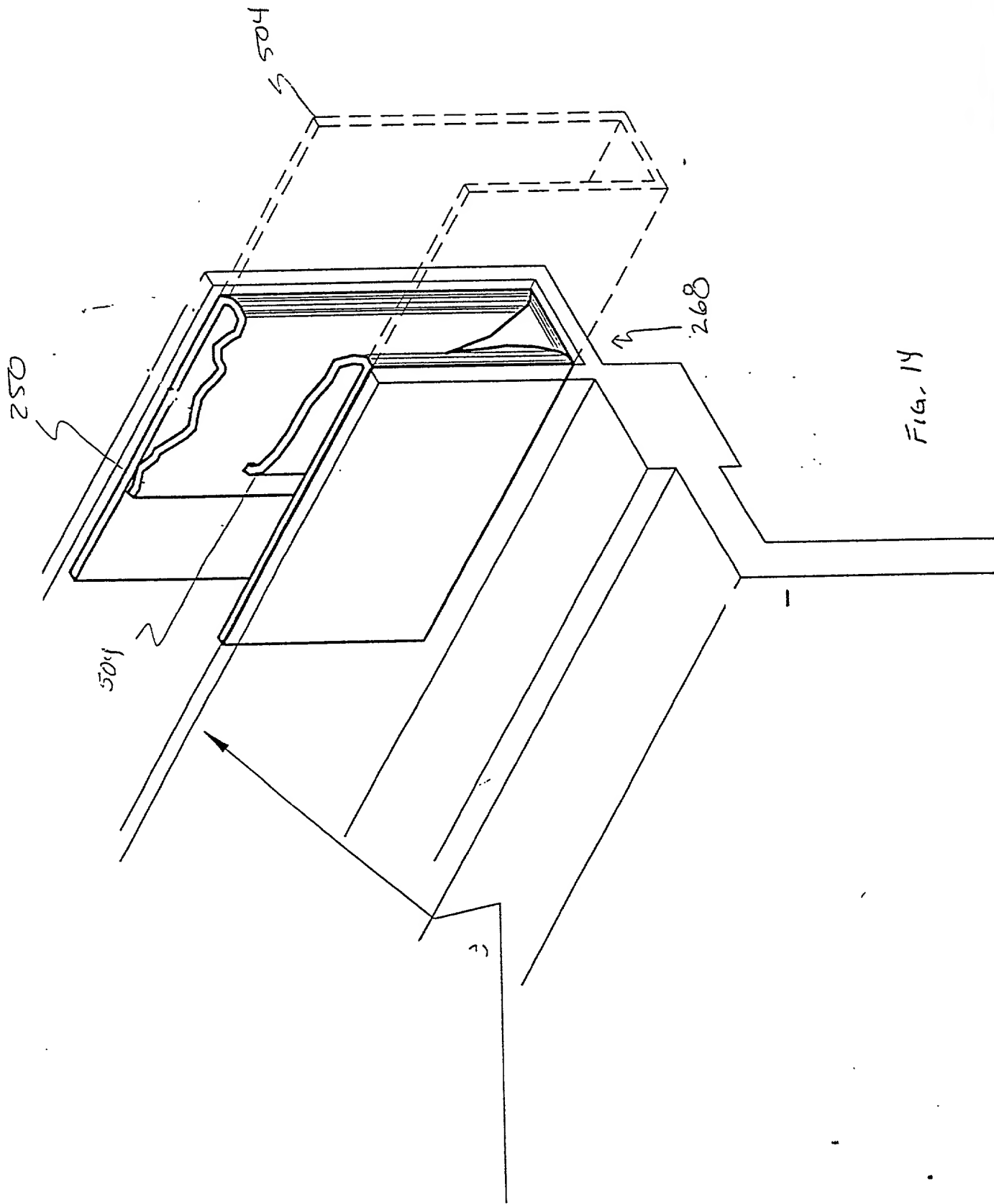


FIG. 14

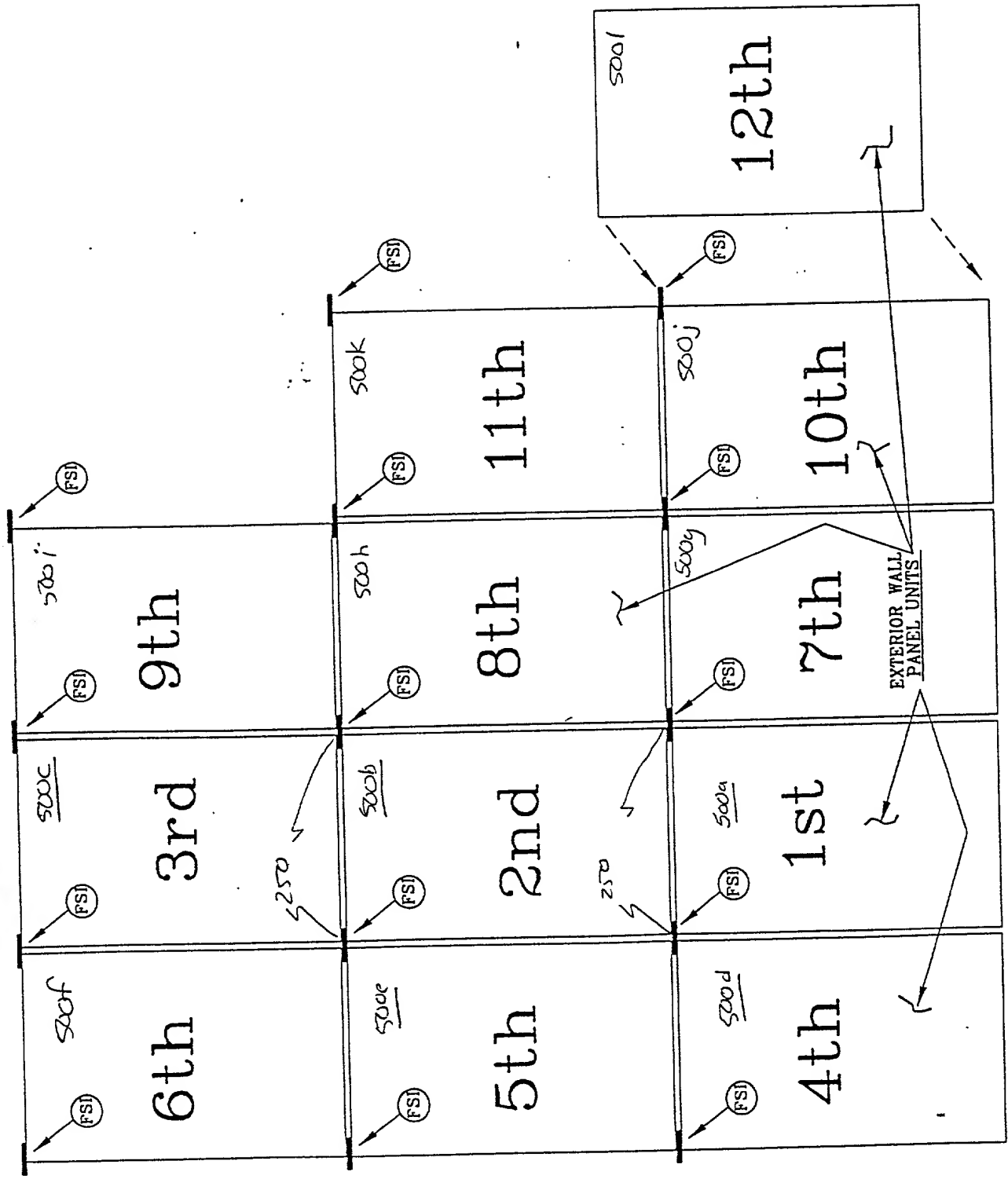


FIG. 15

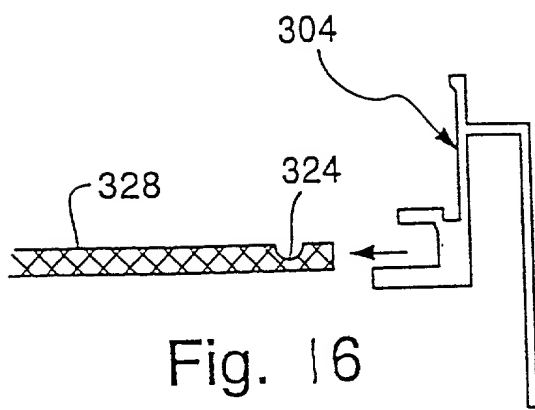


Fig. 16

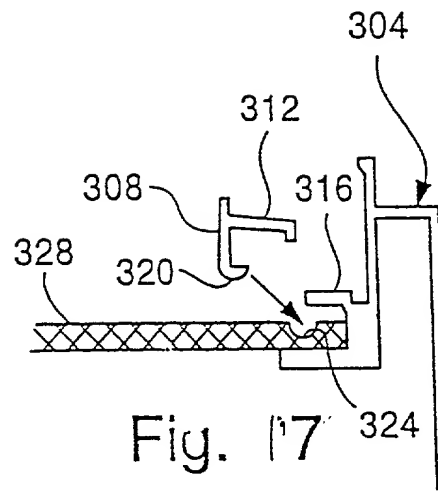


Fig. 17

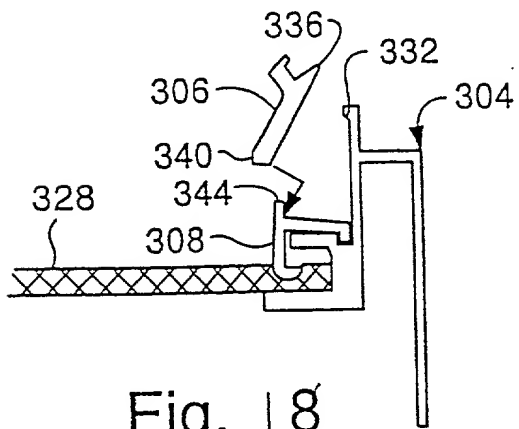


Fig. 18

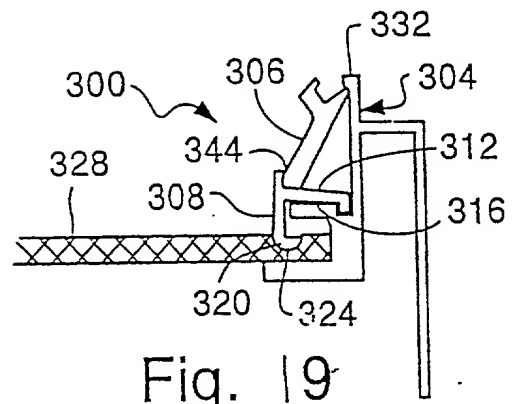


Fig. 19

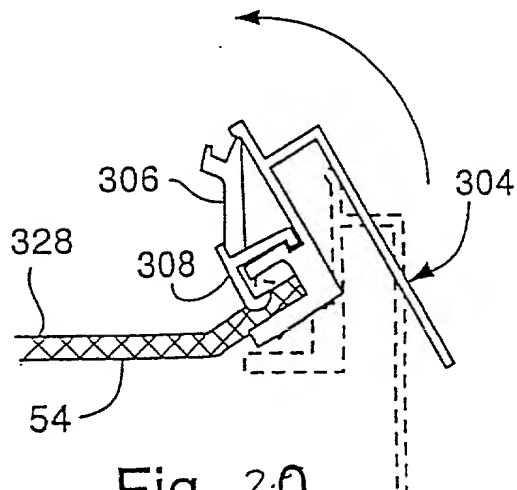


Fig. 20

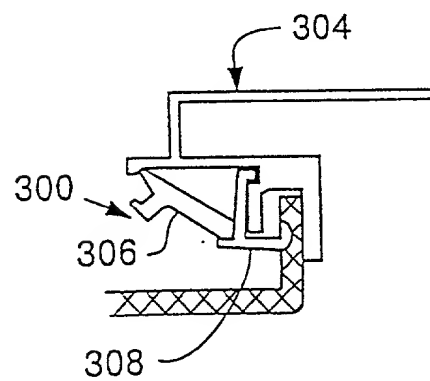
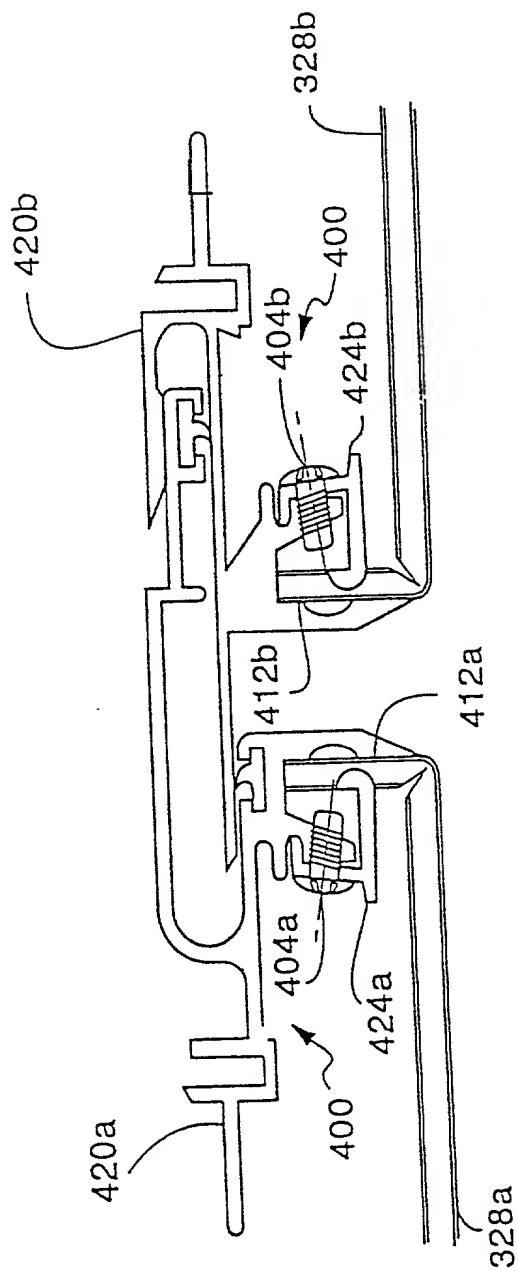


Fig. 21

Fig. 22



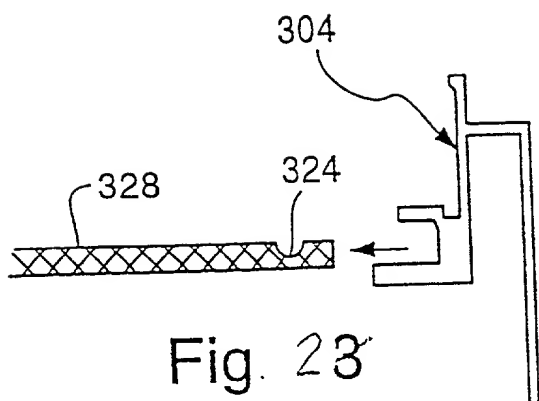


Fig. 23

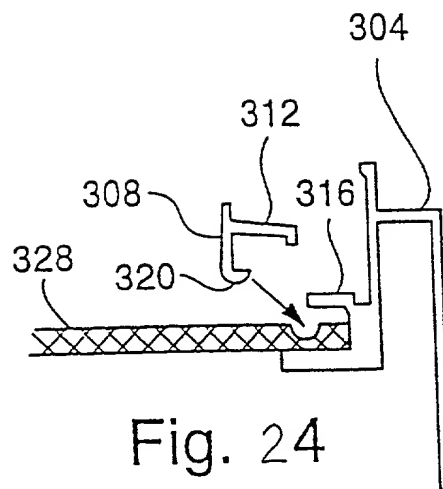


Fig. 24

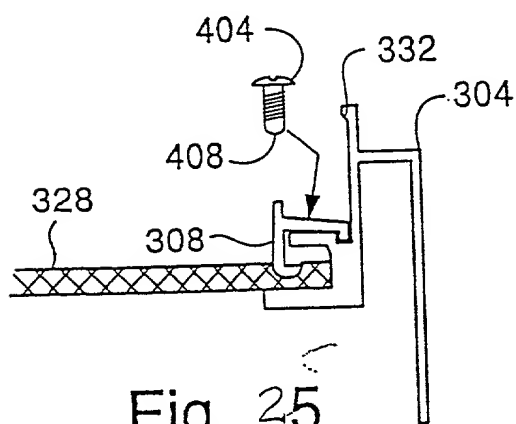


Fig. 25

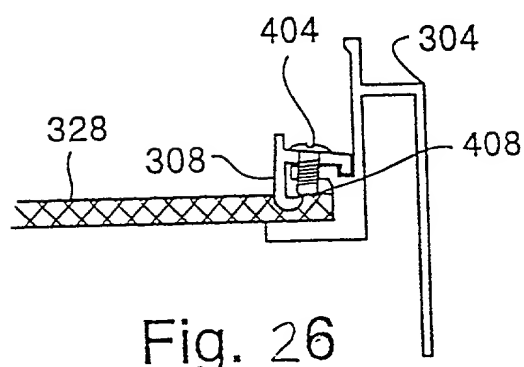


Fig. 26

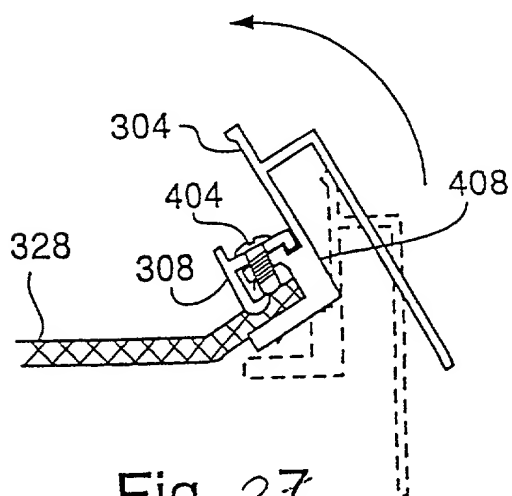


Fig. 27

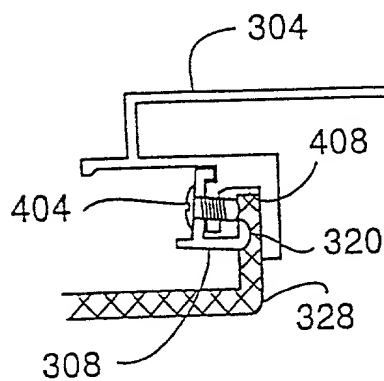


Fig. 28